

Complex Salicylates of Titanium, by B. N. Sudarikov,
L. M. Smirnov, p 10 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 10,
1956, 2327-2336

AEC-TT-4591
PL-480

601

Jun 63

342.704

342.704

Bacteriological Warfare - Criminal Weapon of the Imperialist Aggressors, by M. U. Bagenskiy, S. Ya. Rozenblit and L. N. Smirnov, 137 pp, (ID 1056724).

UNCLASSIFIED

RUSSIAN, Moscow, 1950.

ID. GSUSA P-6796

USSR
Military

DEX

Jun 52 CTS

79662

The Vortex Wake Accompanying Flow Past
Oscillating Cylinders, by M. A.
Pavlikhin, L. P. Smirnov, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel
Tekh Nauk, No 8, 1958, pp 124-127.

ATS-49M42R

Sci
Vol. IV, No 9
Mar 62

187, 235

Kinetics of the Thermal Decomposition of N-Methyl-N,2,
4,6-Tetranitroaniline (tetryl), by F. I. Dubovitskiy,
G. B. Manalis, L. P. Smirnov, 5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXV, No 3, 1961,
pp 521-529.

Cleaver-Hume Press Ltd.

Sci

Feb 62

182, 700

R 900

(DC-2501)

Experience Gained in Operating Distributing
Unit Sets in A City Cable Network, by L. P. Smirnov
7 pp.

RUSSIAN, per, Elek Stants, No 9, 1958, pp 52-55.

JPRS-760-D

USSR

Econ

Jul 59

90,904

Investigation of the Semiconductor Triode by Means
of Models, by V. S. Vavilov, L. S. Smirnov.

RUSSIAN, per, Priory i Tekhnika Eksperimenta, No 2,
1956, pp 99-104.

Assoc Tech Sv *TR*
\$9.75 *RJ-792*

Sci - Physics
Aug 57

51,548

On the Transformation of β -Particle Energies
to Electrical Energy⁶¹ in Germanium Crystals
with p-n Junctions, by B.M. Vul, V.S. Vavilov,
I.S. Smirnov, G.N. Galkin, V.M. Patskevich,
6 pp.

A. V. Spitsyn,
RUSSIAN, per, Atomnaya Energiya, Vol II,
No 6, 1957, pp. 533-537.

Consultants Bureau

Sci - Nuc Phys

Jun 58

65,057

Influence of Fast-Neutron Irradiation of Recombination of Electrons and Holes in Germanium Crystals,
by V. S. Vavilov, A. V. Spitsyn, L. S. Smirnov,
M. V. Chukichev,

RUSSIAN, bk, Metallurgiya i Metallovedenie, 1958,
pp 450-458.

AEC NP Tr-448

Sci - Min/Met
27 Oct 60

130,784

Formation of Crystal Lattice Defects in Germanium
by Fast-Electron Bombardment, by V. S. Vavilov,
I. S. Smirnov, G. N. Galkin, A. V. Spitsyn, V. M.
Patskevich, 4 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 9,
1956, pp 1865-1869.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

Sci - Phys

54,406

Oct 57

Ionizing Energy of Electrons in Germanium Crystals,
~~CHINESE~~, by V. S. Vavilov, L. S. Smirnov, V. M.
Patakevich, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII.
No 6, 1957, pp 1020-1022.

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 1

56,960

Sci - Physics
Dec 57

Measurement of Short Lifetimes of Charge Carriers in Germanium, by L. S. Smirnov, 3 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 11, 1957, pp 2469-2471.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 11

Sci - Physics
Jul 58

66, 295

The Effect of Fast Neutron Irradiation on the Recombination of Electrons and Holes in Germanium Crystals, by V. S. Vavilov, A. V. Spitsyn, L. S. Smirnov, M. V. Chukichev, 4 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXIII, No ~~II~~, Jan 1957, pp 702-705.

4
Annals of Phys
Sov Phys-JETP
Vol V, No 4

58,073

Sci - Physics
Jan 58

p 30
Effect of Low-Temperature Thermomechanical
Treatment on the Properties of Steel, by
V. D. Sadovskiy, L. V. Smirnov, 12 pp.
RUSSIAN, bk, Issledovaniya po Vysokoprochnym
Splavam i Nitevidnym Kristallam, 1963, pp 54-60.
9695807
FTD-TT-64-767

Sci - M/M
Feb 68

274,096

Effect of Plastic Deformation of Alloy
Structural Steels in the Austenitic State upon
Temper Embrittlement, by L. V. Smirnov et al

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR, Vol 103,
No 4, 1955, pp 609-10

1/20/55
\$1.50

CIA 706077

Butcher No 3672
\$2.25

Scientific - Min/Metals
Feb 56 CTS/dex

31,241

Investigation of Phase Recrystallization in
Titanium, by V. D. Sadovskiy, G. N. Bogacheva,
L. V. Smirnov, I. P. Sorokin, N. A. Kompareitsev,
7 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol X, No 3,
1960, pp 597-403.

PP

165,816

Sci
Sep 61

The pH Dependence of Electronic Spectra of the
Simplest Derivatives of Benzene, I. Absorption
Spectra of Hydroxybenzenes, by L. V. Smirnov,
A. I. Suprunenko, 4 pp.

RUSSIAN, per, Optika i Spektroskopiya, Vol VIII,
No 6, 1960

Optical Soc of Amer

Sci

Oct 60

1301279

Dichroism of Dye Molecules and Certain Benzol
Derivatives, by L. V. Smirnov, 7 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XVII, No 6, 1953, p 695. 9093116

Morris D Friedman
\$3.50 8-114

Scientific - Physics

CT8 69/Jun 55

24,741

Study of Molecular Dichroism by Means of an
Artificial Orientation of the Molecules, by L. V.
Shirshov, 16 pp.

RUSSIAN, var, Optika i Spectroscopiya, Vol. III, 1957,
pp 123-133.

AEC Tr 3263

Sci - Chem

Sep 68

78, 715

(EC-5794)

Stereophotography with Portable 34 MM and Roll-
Film Cameras During Geological and Geographical
Field Surveys, by L. Ye. Smirnov, 10 pp.

RUSSIAN, per; Vest Leningrad Univ, Dec 1960,
pp 131-138.

JPRS 8420

Sci - Phys
Jun 61

156666

The Decomposition Potential of Fused Lead
and Thorium Chlorides, by M. V. Smirnov,
I. E. Ivabovskii, 12pp
RUSSIAN, per, Zhur Fiz Khim, Vol 31, 1957, No 2,
pp 467-473
SIA TT-64-30093

M. V. Smirnov

Sci - Chem
May 67

326,655

APR 1952, by M. Smirnov, 4 pp. UZEL

KUBSKA, np, Krasnaya Zvezda, No 215, 12 Sep
1952, 4.

AP 1256183

UZR
111
Nov 59

100,791

The Problem of Stress in the Fir-Tree Root
of a Blade, by M. D. Smirnov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Avis'ta Tekh, Vol II, 1959, pp 156-158.

OT 7163
Engl. Elect. 700

Sol - Enggr

Feb 63

222,469

Calculation of the Road Component in the Cost of
Transportation, by M. F. Smirnov.

RUSSIAN, per, Avtom Dorogi, No 4, 1962, pp 23-25.

MLL RTS 2274 (*Loan*)

RUSSIAN
EX-11
REF ID: A6

248, 256

Governing Devices and Automation, by M. I. Smirnov,
26 pp.

RUSSIAN, bk, Razvitiye Tekhniki na Leningradskom
Metallicheskii Zavode imeni Stalina, 1957, pp 166-178.

OTS 60-51160
FL-480

155,332

Sci - Eng

Jun 61

FST 152

Biochemical Changes in Muscle After Its
Denervation and Tenectomy and at the Inter-
growth in It of Nerve Fibers, by N. A. Yudayev,
M. I. Smirnov, P. G. Pazina, N. N. Dobbert,
18 pp.

RUSSIAN, par, Biokhimiya, Vol XVIII, No 6,
1953, pp 732-738.

NIH

Scientific - Biology, Chemistry

21,016

Dec 1954 CTS

Differential Equations of Mathematics
Physics, by N. S. Koshlyakov and M. M.
Smirnov.
RUSSIAN, 12, same title as above, 1964,
pp 60/-.

Aug 65

206,952

M. M. Smirnov

Vibration of a System of Masses Connected With a
Cylindrical Shell, by M. M. Smirnov, 9 pp.
RUSSIAN, per, Izvestiya Upravleniya i Pribora, No 3, 1964,
pp 114-123.
CIA/FDD X-5435

Sci - Phys
Oct 64
FOR OFFICIAL USE ONLY

257,665

On the Integration of a System of Differential
Equations, by M. M. Smirnov, 6 pp.

RUSSIAN, 1955, Priklad. Mat. i Mekhan, Vol. XIX,
1955, pp. 217, 218.

AEC/APEX-436

Sci. Phys.
Mar 59

82, 881

The Discovery of a Method for the Purifying-
Up of Ultraconcentrated Aluminate Solutions
to Pure Aluminum Oxide, by K. E. Marilov
and M. N. Smirnov, 11 pp.

RUSSIAN, per, Legkie Metal, Vol V, No 12,
1938, pp 3-10.

SLA R-2279

Sci

Aug 58

72,554

Semi-Industrial Testing of a Carbonizer with an
Overhead Gas Feed, by M. N. Smirnov, S. M. Rubinchik,

PP. 6.

RUSSIAN, per, Tsvetnye Metally, Vol I, No 11, 1960,
pp. 48-53.

PS

Sci

Sept 61

168,254

The Influence of Mixing on the Kinetics of Aluminum
Oxide Extraction in the Autoclave Leaching of Diaspore
Bauxites, by M. N. Sainov, N. N. Tikhonov, 5 pp.

RUSSIAN, per, Tsvetnye Metally, Vol. III, No 6, 1962,
pp 46-50.

PS

Ser -
Nov 63

241,904

Chemism and Process and Composition of Solid Phases
Formed When Sodium and Aluminum Fluorides Interact,
by M. N. Sadrnov, 6 pp.

RUSSIAN, Per, Tsvetnye Metally, Vol III, No 9, 1962,
pp 61-66.

PS

Sci

Feb 64

249,030

Sodium Fluoride Formation in the Autoclave Leaching
of Leucites, by H. M. Smirnov, 5 pp.

RUSSIAN, per, Tsvetnyye Metally, Vol II, No 3,
1961, pp62-66.

Primary Sources

Sci
11 Jun 62

198,694

e
n
1.
A Study of the Process of Crystallizing Sodium
Aluminate From the Evaporated Mother Liquors of
Alumina Production Using the Bayer Process, by
M. N. Prainov, F. I. Tsymbal, 6 pp.

RUSSIAN, per, Tsvetnye Metally, Vol. III, No. 1,
1962, pp. 59-65.

PS

Scl

Mar 63

253,026

The Improvement of the Hydrochemical
Alkali Method of Processing Nepheline Rocks
to Obtain Alumina, by M. N. Smirnov,
E. Z. Vydrevich, 8 pp.

RUSSEAN, per, Tsvetnye Metally,
Vol XXXII, No 39, 1959, pp 39-44.
9097152

OTS 60-51138
PL-480

Sci - Min/Met
Apr 62

189,357

Study of the Formation Conditions, Composition, and
Properties of Sodium Aluminocarbonate, by M. N. Smirnov,
7 pp.

RUSSIAN: per Zhur Prik Khim, Vol XXXII, No 6, 1959,
pp 1192-1193

CB

Sci -
Jul 60

120,992

Experimental Study of the Internal Flow of Water
in Soils of the Northern Part of the Western
Sayan (Yermakov Station), by M. P. Smirnov, 7 pp.

RUSSIAN, per, Pochvovedeniye, No 4, 1963, pp 93-100.

Scripta Technica

Sci
Aug 64

265,163

An Investigation of Processes occurring when
deisumuthizing lead, by G. S. Rozhavskiy,
M. P. Smirnov, 11 pp.

RUSSIAN, per. Tsvetnye Metally, Vol II, No 6,
1961, pp 13-22.

PS

Sci

Aug 62

209,857

X-Ray Study of the Phase Composition of Lead-Calcium Alloys, by M. P. Saimov, V. E. Rudnichenko, 16 pp.

RUSSIAN, per, Analiz Rad Tsvetnykh Metal i Produktov ikh Pererabotki, Sbornik Nauch Trudov, No 12, 1956, pp 150-162.

AEC Tr-5129

Sci - Min/Metals

Aug 62

List 61

206,085

The Rate of Soil Formation in Old Quarries of
Calcareous Rocks and Secondary Changes in
Buried Light-Grey Forest Soils, by M. P.
Smirnov, 11 pp.

RUSSIAN, per, Pochvovedeniye, No 4, 1960,
pp 91-102.

AIRS

Sci
Aug 61

167, 233

Industrial Tests of the Vacuum Method for Distilling
Zinc from Silver Crust, by M. P. Smirnov, et al, 7 pp

RUSSIAN, per, Tsvetnye Metally, No 5, 1960, pp 31-37.

Primary Sources

Sci
Nov 60

132,932

Determination of the Phase Composition of Argentiferous
Dross by an X-Ray Method, by M. P. Smirnov, V. E.
Rudnichenko, 2 pp.

File in

Industrial Tests of a New Continuous Decoppering
Method for Crude Lead, by Ya. Z. Malkin,
M. P. Smirnov, et al, 8 pp.

RUSSIAN, per, Tsvetnyye Metally, Vol II, No 3,
1961, pp 15-22.

Primary Sources

Sci
11 Jun 62

198,687

Mechanism of Electrolytic Preparation of Borides
of Difficult Fusible Metals, by G. A. Meyerson,
M. P. Smirnov, 21 pp.

RUSSIAN, per, Khim Red Elementov, No 2, 1958,
pp 130-147.

LC or SLA 59-10051

Sci - Chemistry
Feb 59

2.70 micro
480 photo

81,544

Removal of Zinc From Lead-Zinc Melts Under
~~Reduced~~ Vacuum, by D. M. Chizhikov, M. P.
Smirnov, 12 pp.

Full translation.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVII, No 5,
1954, pp 514-526. CIA C 39521

Consultants Bureau

Scientific - Chemistry
Nov 55 CTS/DEX

28,342

Disposition of the Color Perception Receptors in the
Human Fovea, by M. S. Smirnov, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIII, No 3,
1955, pp 427-429.

Navy Tr 3023/RMS 639

Sci - Med

Feb 68

186.731

Hypothesis Concerning the Mechanism of
Photoreception in the Retina (an Analogy
Between Retinal Photoreceptors and Semi-
conducting Photoelements), by M. S. Smirnov,
M. N. Bongard, 7 pp.

RUSSIAN, par, Biofiz, Vol IV, No 2, 1959,
pp 181-186.

Pergamon Press

Sci

Mar 60

119,783

Measurement of Eave Aberration in the Human Eye,
by M. S. Smirnov, pp-14.

RUSSIAN, per, Biofiz, Vol VI, No 6, 1961.

Elsevier Pub Co

Sci

Oct 62

214,002

A Colour Vision Analogue, by M. S. Smirnov, M. M.
Bongard, 5 pp.

RUSSIAN, per, Biofizika, Vol IV, No 6, 1959,
pp 792-797.

Pergamon Press

Sci

Jul 60

120,635

Spectral sensitivity curves for receptors connected
to single optic nerve fibres in the frog, by M. M.
Bongard and M. S. Smirnov, 6 pp.

RUSSIAN, per, Biofizika, Vol II, No 3, 1957,
pp 336-341.

Pergamon Press

Sci - Med
Apr 58

61.309

Investigation of the Kinetics of Drying Processes,
by A. V. Lykov, M. S. Smirnov, 11 pp.

RUSSIAN, per, ~~Spetsializatsionnyy~~ Iz Ak Nauk SSSR,
Otdel Tekh Nauk, No 8, 1956, pp 10-19.

Sci Mus Lib Tr 57/3248

Sci - Physics
Mar 58

60,530

Colour Adaptation and the Limits to the Applicability
of Retinal Receptor Concepts, by M. M. Bongard and
M. S. Shirnov, 6 pp.

RUSSIAN, per, Biofizika, Vol III, No 2, 1958,
pp 184-189.

Pergamon Inst

Sci - Med
Feb 59

81, 641

Colour Adaptation and the Limits to the Applicability
of Retinal Receptor Concepts, by M. M. Bongard and
M. S. Shinnov, 6 pp.

RUSSIAN, per, Biofizika, Vol III, No 2, 1958,
pp 184-189.

Pergamon Inst

Sci - Med
Feb 59

81, 641

V
Determination of Spectral Sensitivity Curves
of Eye Receptors on the Basis of Color-Mixture
Curves, by M. M. Bongard, M. S. Smirnov, 10 pp.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol CII, No 6,
1975, pp 1111-1114.

Sci Tr Center *36,160* *RT 3549*

Physics

Jun 56 CTS

Hydrolysis of Thorium Fluoride in Fused Salts, by 49
M. V. Smirnov.
RUSSIAN, per. Izv Vost Filialov Akad Nauk SSSR,
No 4-5, 1957, pp 114-118.
NEG-UCRL-Trans-10235

M. V. Smirnov

Sci-Comm
Aug 68

364,612

6.5
1. Сборник статей по политехнике и технике электротехники,
вып. II, кн. V. Сост. В. В. Смирнов. 100 стр.
Москва, 1944. Заглавие в кн. "Сборник статей по политехнике и технике электротехники,"
вып. II, кн. V. Сост. В. В. Смирнов. 100 стр.
2. Сборник статей по политехнике и технике электротехники,
вып. II, кн. V. Сост. В. В. Смирнов. 100 стр.

M. V. Smernov

101/1000000000
101/100

511,545

The Steady Potential and Corrosion of Metals
in Fused Salts, by M. V. Smirnov, V. P. Volodin,
et al., 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physical
Chemistry, Vol CLV, No 2, Mar, Apr 1964,
pp 418-421.

CB

Sci
May 65

141
Equilibrium Between Cerium and its
III- and IV-valent Ions in a Molten
Eutectic Mixture of Lithium and
Potassium Chlorides, by M. V. Smirnov,
Yu. S. Scholovskij.
RUSSIAN, part. Study, Institute Elektrokhim.,
USSR Acad. Sci. Leningrad Div., Vol 3,
1971-10, 1974 9230109
ALC ORNL-Tr-578

M. V. Smirnov

Sci-Phys
NOV 68

37,623

Electrochemistry of Molten and Solid Electrolytes,
by M. V. Smirnov, et al.

RUSSIAN, bk, 1963.

*CB (Available Summer 1964)

Sci-Chem:
July 64

Effect of Alkali-Metal Cations on Equilibrium
Potential of Beryllium in Chloride Melts, by
M. V. Smirnov, ~~X~~ N. Ya. Chukreyev, 5 pp.

~~XXX~~ RUSSIAN, per, Zhur Neorgan Khim, Vol VI,
No 6, 1961, pp 1361-1368.

Cleaver-Hume Press Ltd.

Sci

Jul 62

203,059

Electrochemical Behavior of Titanium Nitride in
Chloride Melts, by M. V. Smirnov, Yu. N. Krasnov,
9 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 8,
~~1958, pp 1876-1882~~ 1958, pp 1876-1882.

AEC-Tr-4456
PL-480

Sci
Jun 62
PST 378

200,137

10 720

GE-1

M. V. SMIRNOV, L. E. IVANOVSKII

Investigation into the thermodynamics of reactions
 $\text{ThO}_2 + \text{C} + 2\text{Cl}_2 = \text{ThCl}_2 + \text{CO}_2$ and $\text{ThO}_2 + \text{C} = \text{Th} + \text{CO}_2$ by the method
of electromagnetic forces

Die Untersuchung der Thermodynamik der Reaktionen ThO_2
 $+ \text{C} + 2\text{Cl}_2 = \text{ThCl}_2 + \text{CO}_2$ und $\text{ThO}_2 + \text{C} = \text{Th} + \text{CO}_2$ mit der Methode der
elektromagnetischen Kräfte

Zhur. Neorg. Khim., No. 2, 238-243 (1957)

386 - German

E u r a t o m

A Thermodynamic Study of the Reaction $\text{UO}_2(\text{s}) + \frac{1}{2}\text{C}(\text{gr}) + \text{Cl}_2(\text{g}) = \text{UOCl}_2 + \frac{1}{2}\text{CO}_2(\text{g})$ by the Electromotive Force Method, by M. V. Smirnov, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3, 1980, pp 58-60.

Sci Sci - Phys
Jun 80

~~ATTC~~

*UK Atomic Energy
Auth. Secy, India

Thermodynamic Study of the Reaction $\text{UO}_2(\text{s}) + 1/2$
 $\text{C}(\text{graph.}) + \text{Cl}_2(\text{g}) = \text{UOCl}_2(\text{s}) + 1/2 \text{CO}_2(\text{g})$ by
Measuring Electromotive Forces, by M. V. Smirnov,
I. F. Michkov, S. P. Raspopin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,
1960, pp 581-584.

CEI

150,027

Sci

Apr 61

Testing the Inter-Turn Insulation of the Windings
of Electric Motors Under Operating Conditions, by
M. V. Smirnov.

RUSSIAN, per, Elektrichestvo, No 5, 1955, pp 49-51.

NIL N. 3465

Sci - Electron

May 62

194, 015

Equilibrium Potentials of Oxide-Carbon Electrodes of
Beryllium in Fused Chlorides, by M. V. Smirnov,
Z. S. Volchenkova, 8 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 2, 1957,
pp 417-421.

SLA TT-64-30781

AEC-tr-4052

PL-480

Sci

Apr 61

PST No 79

145, 210

Smirnov, M. V. and Ivanovskii, L. E.
REDUCTION OF Th^{4+} IONS IN CHLORIDE MELTS
BY METALLIC THORIUM. [1963] 10p (figs omitted).
Order from K-H \$10.00 K-H 8024-c

Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1957,
v. 31 [no. 4] p. 802-807.

DESCRIPTORS: *Thorium, Ions, Reduction (Chemistry),
Chlorides, Melting

(Metallurgy, TT, v. 11, no. 1)

63-22799

I. Smirnov, M. V.
II. Ivanovskii, L. E.
III. K-H-8024-c
IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Smirnov, M. V. and Ivabowski, E. E.
THE DECOMPOSITION POTENTIAL OF FUSED LEAD
AND THORIUM CHLORIDES. [1963] 12p (figs omitted)
Order from K-H \$12.00 K-H-8024-b

Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1957,
v. 31 [no. 2] p. 467-473.

DESCRIPTORS: Chlorides, Thorium compounds,
Lead compounds, Fused materials, Decomposition

(Chemistry--Physical, TT, v. 10, no. 12)

63-22818

- I. Smirnov, M. V.
- II. Ivabowski, E. E.
- III. K-H-8024-b
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

6324

Office of Technical Services

Electrochemistry of Molten and Solid Electrolytes,
Vol II, by M. V. Smirnov.

RUSSIAN, 96 pp.

Consultants *Lab.*

Reversible Potentials of Metals in Fused Electrolytes.
Communication I. Reversible Potentials of Thorium
in Fused Chlorides, by M. V. Smirnov, L. D. Yushina,
8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1958, pp 251-258.

Consultants Bureau

Sci - Chem

Apr 60

113,217

Study of the Thermodynamics of the Reactions
 $\text{ThO}_2 + \text{C} + 2\text{Cl}_2 = \text{ThCl}_4 + \text{CO}_2$ and $\text{ThO}_2 + \text{C} =$
 $\text{Th} + \text{CO}_2$ by the e.n.f. Method, by
M. V. Gurnov, L. E. Ivanovskiy.

RUSSIAN, per, Zhur Neorgan Khim, Vol IX, No 2,
1957, pp 233-243.

Natl Res Council, Canada
TR No 704

Sci - Chem

Mar 60

111, 275

Determination of Di- and Trivalent Titanium in
Chloride Melts by Means of Ferric Chloride, by
L. E. Ivanovskiy, N. A. Loginov and N. V. Solonov,
4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIII, No 6,
1958, pp 671-673.

Consultants Bureau

Sci

107,382

Feb 60

The Influence of the Nature of the Cations and Anions
on the Solubility of Titanium Tetrachloride in Salt
Melts, by L. A. Tsiovkina, M. V. Smirnov.

RUSSIAN, per, Zhur Neorgan Khim, Vol IV, No 1, 1959,
pp 158-162.

The Cleaver-Hume Press Ltd

Sci - Chem
Jan 60

105,889

Thermodynamics of the Interaction of Fused CaCl_2 with
Alkali Metal Chloride Melts, by M. V. Smirnov, S. P.
Palguyev, L. A. Lyapina, Yu. N. Krasnov, 3 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXX, No 11, 1957,
pp 1687-1689.

Consultants Bureau

Sci - Chem

Feb 59

82,175

Cathodic Processes in the Deposition of
Beryllium From Fused Electrolytes, by M. V.
Smirnov, L. V. Ivanovskiy, 19 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, 1958,
pp 2174-2182.

AEC Tr-4416

Sci - Phys
May 61

150,330

Equilibrium Potentials of Zirconium in Mixed
Fluoride - Chloride Melts, by M. V. Smirnov,
V. E. Komarov, A. N. Baraboshkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, pp 409-412.

CB

Sci

Apr 61

149,201

Electrochemical Behavior of Titanium Carbide in
a Chloride Fusion, by M. V. Smirnov, Yu. N.
Krasnov, 12 pp.

RUSSEAN, per, Zhur Neorganicheskoy Khim, Vol V,
No 6, 1960, pp 1241-1247. 9660214

ATIC MCL 755

Sci

Mar 61

144, 253

Thermodynamics of Molten Mixtures of Chlorides of
Alkaline Metals and Thorium, by M. V. Smirnov,
L. E. Ivanovskiy, 13 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, 1957,
pp 640-647.

AEC Tr 3278

Sci - Chem

Sep 58

73, 761

Application Potentials of Calcium Oxide --
Carbon Electrodes, by M. V. Saitov,
S. F. Pal'guyev, Yu. N. Krasnov, L. A. Lyapina,
5 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXI, No 1,
1958, pp 66-70.

Consultants Bureau

Sol - Chem

Mar 59

82,672

Uranium Dioxide in Anodes in Molten Chloride
Electrolyte, by M. V. Smirnov, L. E. Ivanovski,
6 pp.

RUSSIAN, ¹¹¹⁷per, Zhur Obshch Khim, Vol XXVII, Feb 1957
p p 295-.

CIA/PDD X-2618

REC D-4118

Sci. - Chemistry
Nov 57

54,934

Cathode Processes in Electrodeposition of Thorium
From Molten Electrolytes, by M. V. Smirnov, L. D.
Yushman.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No
11, 1956, pp 1285-1293.

DSI 4 Tr 1706
AERE Lib Tr 765

Sci - Physics
Mar 58

SLA R 322 59, 211

Sci Mus Lit 58/0340

THE Aqueous Solution of Thorium in Salt Media,
by L. I. Yushman and M. V. Spirnov, 4 pp.

RUSSIAN, per Dokl Ak Nauk SSSR, Vol CIV, No 5
1961, pp 983-986

Consultants Bureau

Sci - Chem

Aug 58

93.703

Behavior of Calcium Oxide-Carbon Electrodes in
the Electrolysis of Fused Chlorides, by N. V.
Smirnov, S. F. Pal'guyev, Yu. M. Krasnov, 7 pp.

RUSSIAN, per Zhur Prik Khim, Vol XXXI, No 2,
1958, pp 226-233.

Consultants Bureau

Sci - Chem

Mar 59

84,122

The Solubility of Thorium in Liquid Zinc, by M. V.
Sakrnov, N. G. Ilyushchenko, S. P. Detkov, L. E.
Ivanovskiy, 11 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, 1957, pp
1013-1018.

AEC Tr 3207

Sci - Chem

May 58

64,818

Cathodic Deposition of Nickel from Fused Chloride
Baths. II., by S. F. Palgusov, M. V. Smirnov, 8 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXVI, No 11, USSR,
Nov 1953, pp 1166-1175. CIA D 167132

Consultants Bureau

A-53-1107

USBR

Scientific - Chemistry

2/394
CTS 65/Feb 1955

Chlorine Electrode of Comparison in Molten
Chlorides, by M. V. Smirnov, S. F. Plaguyev,
L. E. Ivanovskiy, 6 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIX, 1955,
pp 772-777.

AEC Tr 2674

Sci - Chemistry
Jan 57 CTS

42,181

AEC Tr 2674

772-777

The Equilibrium Potentials of Zirconium in Chloride Melts,
by M. V. Gairdov, V. A. Chencsov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1958,
pp 122-125.

Consultants Bureau

Sci - Chem

22/6/59

89,988

The Electrochemical Behavior of Titanium Carbide in
Chloride Melt, by M. V. Smirnov. Yu. N. Krasnov, 4 p

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 6, 1960,
pp 1241-1247.

Cleaver-Hume Press

Possibly #ATIC MEL-755/2

Sci

Mar 61

142,353

Reaction of Thorium Oxide with Its Chloride
in Molten Salt Solutions, by M. V. Smirnov
and L. E. Ivanovskiy, 12 pp.

RUSSIAN, per, Zhur Georg Khim, Vol I, 1956,
pp 1843-1849.

SLA R-1896

SLA R-34-8

68,425

Sci

Jul 58

See serial 59/2654

OXIDATION-REDUCTION POTENTIAL OF THE SYSTEM U_3F_8 /
 U_4F_{10} IN A NaCl-KCl MELT, BY M. V. SMIRNOV,
O. V. SKIBA, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 4,
1981, PP 904-907.

CB

SCI - PHYS CHEM

SEP 62

2089,636

On the Dimension of Proximity Spaces, by
M. Yu. Szirmov.

RUSSIAN, per, Matemat Sbornik, Vol XXXVIII (80)
1956, pp 283-302.

Amer Math Soc

Sci-Math

Sep 63

344,220

On Universal Spaces for Certain Classes of Infinite
Dimensional Spaces, by M. Yu. Smirnov.

RUSSIAN, per, Iz Ak Nauk SSSR Seriya Matemat,
Vol LXIII, 1959, pp 185-196.

Amer Math Soc

Sci-Math

Sep 63

344,221

Vegetable-Growing by the Hydroponic Method, by

N. Smirnov, 8pp

RUSSIAN, per, Kolkhozno-Sovkhoznoye Proizvodstvo RSFSR,

Moscow, No 8, Aug 1964, pp 31-33

JPRS 27421

Sci-Agriculture

Jan 65

271,123